

WHAT IS CLAIMED IS:

1. A recording apparatus comprising:

a paper feeder configured to set a plurality of single sheets of paper therein;

5 a paper delivery device having a paper delivery roller for transporting a sheet of paper fed from said paper feeder to a recorder; and

a control unit for controlling operation of said paper feeder and said paper delivery device;

10 wherein said paper feeder and paper delivery device are configured to conduct a skew removal that a paper tip of a sheet of paper fed from said paper feeder is once bitten into the paper delivery roller and then ejected therefrom by reversely rotating said paper delivery roller before delivering the sheet of paper to the  
15 recorder by forwardly rotating the paper delivery roller; and

said control unit comprises a skew removal execution mode of only the first sheet of paper where the skew removal is executed only to a paper tip of a first sheet of paper which is firstly fed by the paper feeder at a start of recording operation of the apparatus and later  
20 sheets of paper are delivered to the recorder without executing the skew removal.

2. The recording apparatus according to claim 1, where said

paper feeder includes a paper feed roller for feeding one of the sheets of paper by rotating and a hopper for pushing up and pressing the sheets of paper against the paper feed roller, and

the hopper is configured to push up the first sheet of paper at the start of recording operation at a first stroke and to push up the later sheets of paper at a second stroke which is smaller than the first stroke.

3. A recording apparatus comprising:

a paper feeder configured to set a plurality of single sheets of paper therein;

a paper delivery device having a paper delivery roller for transporting a sheet of paper fed from said paper feeder to a recorder; and

a control unit for controlling operation of said paper feeder and said paper delivery device;

wherein said paper feeder and paper delivery device are configured to conduct a skew removal that a paper tip of a sheet of paper fed by said paper feeder is once bitten into the paper delivery roller and then ejected therefrom by reversely rotating said paper delivery roller before delivering the sheet of paper to the recorder by forwardly rotating the paper delivery roller; and

said control unit comprises a skew removal mode where the

skew removal is executed to a sheet of paper whose margin dimension in data to execute recording is smaller than a reference value and a skew removal suppression mode where a sheet of paper whose margin dimension is larger than the reference value is  
5 delivered to the recorder without executing the skew removal.

4. A recording apparatus comprising:

a paper feeder configured to set a plurality of single sheets of paper therein;

10 a paper delivery device having a paper delivery roller for transporting a sheet of paper fed from said paper feeder to a recorder; and

a control unit for controlling operation of said paper feeder and said paper delivery device;

15 wherein said paper feeder and paper delivery device are configured to conduct a skew removal that a paper tip of a sheet of paper fed by said paper feeder is once bitten into the paper delivery roller and then ejected therefrom by reversely rotating said paper delivery roller before delivering the sheet of paper to the recorder by  
20 forwardly rotating the paper delivery roller; and

said control unit comprises a skew removal mode where the skew removal is executed to a sheet of paper whose image data amount in data to execute recording is larger than a reference value

and a skew removal suppression mode where a sheet of paper whose image data amount is smaller than the reference value is delivered to the recorder without executing the skew removal.

5 5. A recording apparatus comprising:

a paper feeder configured to set a plurality of single sheets of paper therein, including a paper feed roller for feeding one of the sheets of paper by rotating and a hopper for pushing up and pressing the sheets of paper against the paper feed roller;

10 a paper delivery device having a paper delivery roller for transporting a sheet of paper fed from said paper feeder to a recorder; and

a control unit for controlling operation of said paper feeder and said paper delivery device;

15 wherein the hopper is configured to push up the first sheet of paper at the start of recording operation at a first stroke and to push up the later sheets of paper at a second stroke which is smaller than the first stroke; and

said control unit comprises a speed change mode where a first  
20 hopper pushing-up speed when the first stroke is applied is set lower than a second pushing-up speed when the second stroke is applied.

6. A recording apparatus comprising:

a paper feeder configured to set a plurality of single sheets of paper therein;

a paper delivery device for transporting paper fed from said paper feeder to a recorder; and

5 a control unit for controlling operation of said paper feeder and said paper delivery device;

wherein said control unit comprises two or more of the modes in the recording apparatus according to any of claims 1 to 5.